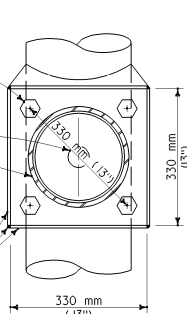


32 mm-TNC-77 mm  
(1 1/4"-TNC-3") large  
HS hex head cap  
screw, total 4.  
Tap pole plate

60 mm (2 3/8")  $\phi$   
Hole, chased edges  
for electrical  
conductors

Detail B

Typical 8 mm (5/16")



SECTION A-A

### SIGNAL ARM CONNECTION DETAILS

Detail B

7 mm x 25 mm  
(1/4" x 1")  
Backing ring

2 NPS Pipe

8 mm (5/16") top,  
bottom and sides

Galvanize drain  
holes, 2 both  
sides

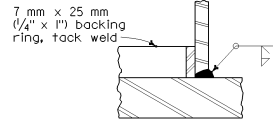
38 mm (1 1/2")

45 mm (1 3/4")

8 mm (5/16")

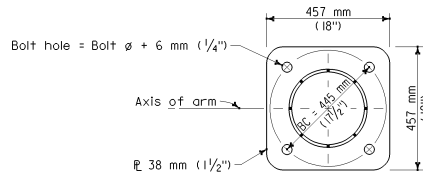
Typical

ELEVATION



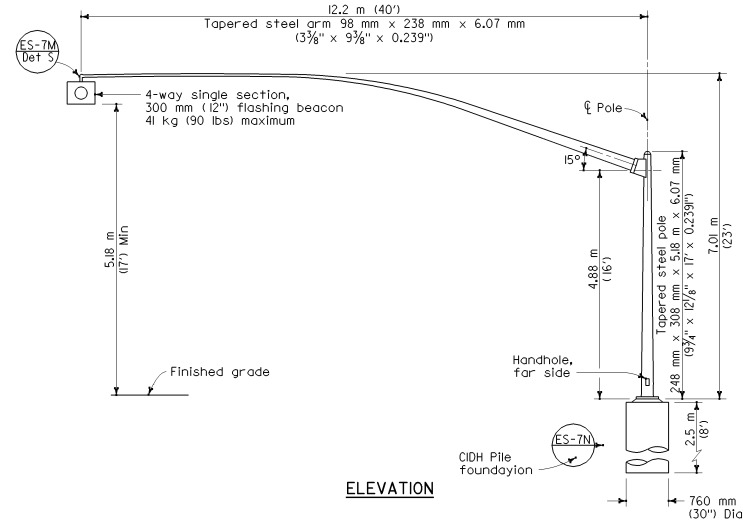
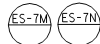
DETAIL B

HIGH STRENGTH CAP SCREWS  
16 mm (5/8") - UNC - 45 mm (1 3/4")  
Length, mm (inches)  
Threads per inch  
Size, mm (inches)



BASE PLATE

45 mm  $\phi$  x 1524 mm x 152 mm  
(1 3/4"  $\phi$  x 60" x 6") Anchor bolts  
See to 445 mm (17 1/2") bolt  
circle



ELEVATION

#### NOTE:

For details not shown, see  
Standard Plans ES-7M and ES-7N.

## SIGNAL AND LIGHTING STANDARDS TYPE 40-0-129

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ("). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-7J

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

July 1, 2002  
 PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness or electronic copies of this plan sheet.

Caltrans now has a web site! To get to the web site, go to <https://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER  
 Jeffrey S. Woody  
 No. C41260  
 Exp. 3-31-03  
 STATE OF CALIFORNIA